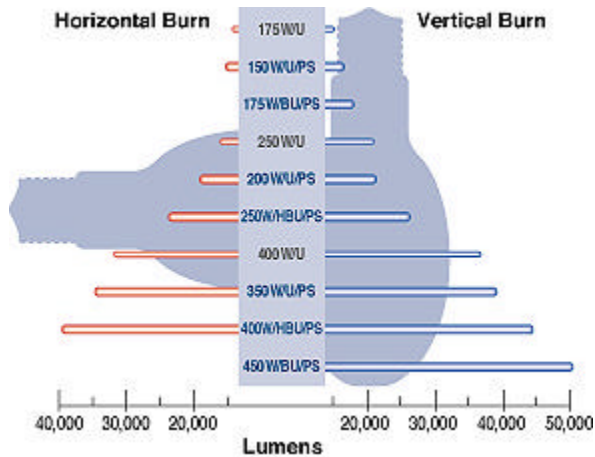


The Uni-Form® Pulse Start Advantage

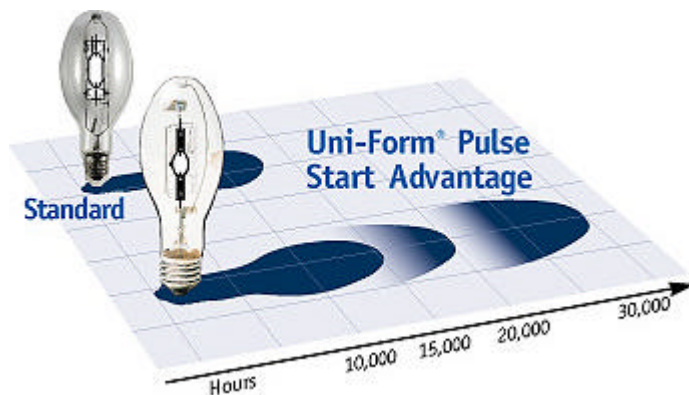
More Light



The *Uni-Form* pulse start formed-body arc tube combined with new, more efficient low current crest factor ballasts using high voltage ignitors provides higher light levels initially (20% more) and significantly more maintained light over time (40% more) than today's standard metal halide.

A Bright Insight

Many of Venture's *Uni-Form* pulse start lamps can be used horizontally, too, giving 20% more initial lumens than standard, universal technology.



Longer Life

The *Uni-Form* pulse start system offers up to 50% longer lamp life because of less electrode damage, reduced arc tube darkening, and improved lumen maintenance. The direct benefits are lower replacement

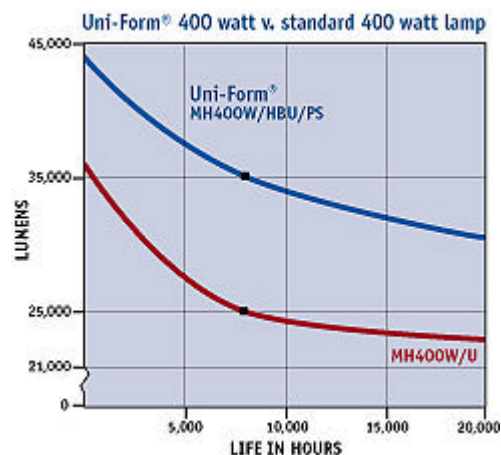
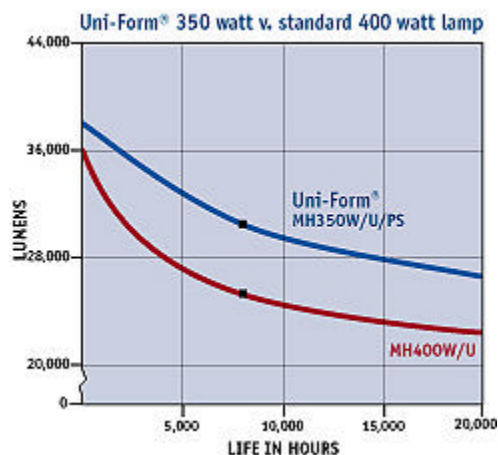
costs and reduced lifetime operating cost.

A Light Word

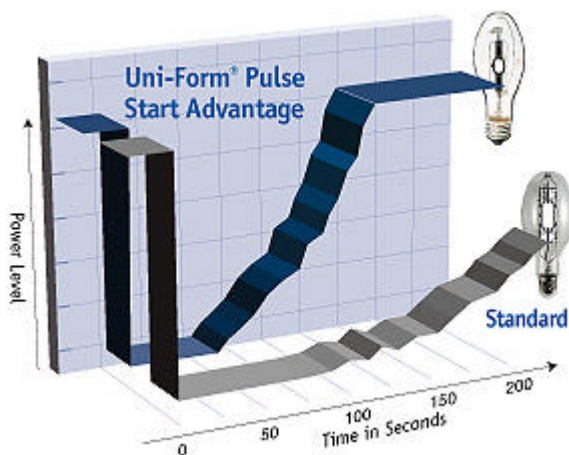
Using Venture's 15,000 hour *Uni-Form* pulse start lamps (150, 175, 200 or 250 W) means relamping less often - labor savings pay for lamp replacement over system life.

Superior Lumen Maintenance

The combination of the *Uni-Form* formed body arc tube, pulse start ignitor, and low current crest factor ballast results in higher maintained lumens over the entire life of the lamp. The end result is a dramatic improvement in design or mean lumens. The light output stays bright even after thousands of hours!

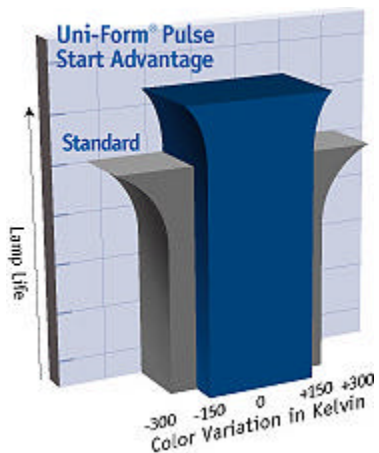


Faster Warm-up/ Hot Restrike



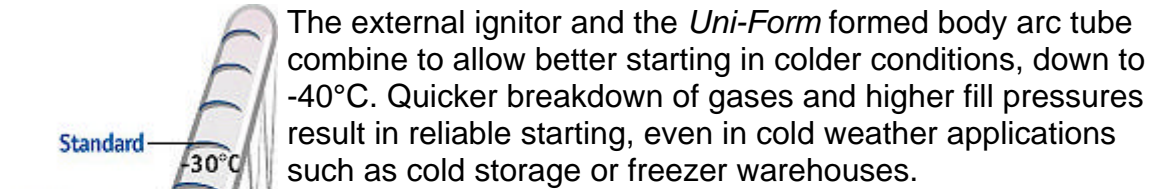
The *Uni-Form* pulse start system combines ignitor starting and improved arc tube design with higher gas fill pressures to provide initial warm up and hot restrike in 60% less time.

Color Uniformity



Because of the uniform wall thickness and the consistency of shape obtained with Venture's unique quartz sculpting process, all arc tube chambers are identical in thermal characteristics, resulting in consistent halide temperatures. This ensures minimal variation in lamp color as well as higher light output.

The external ignitor and the *Uni-Form* formed body arc tube combine to allow better starting in colder conditions, down to -40°C. Quicker breakdown of gases and higher fill pressures result in reliable starting, even in cold weather applications such as cold storage or freezer warehouses.



The *Uni-Form* pulse start system delivers more light with lower energy usage. When compared to standard metal halide technology, *Uni-Form* pulse start offers up to 50% improvement in system lumens per watt. In addition, the use of *Uni-Form* pulse start reactor ballasts reduces energy losses by more than 50%.

